

L Number	Hits	Search Text	DB	Time stamp
1	829	cytokine adj1 receptor?	USPAT; US-PGPUB; EPO; DERWENT	2002/07/03 09:29
6	4	cytokine adj1 receptor? and (cindy near sprecher.in.)	USPAT; US-PGPUB; EPO; DERWENT	2002/07/03 09:38
11	0	zalpha11 adj1 cytokine adj1 receptor?	USPAT; US-PGPUB; EPO; DERWENT	2002/07/03 09:38

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20020042366 A1	20020411	68	Method for treating inflammation	514/12
2	<input type="checkbox"/>	<input type="checkbox"/>	US 5792850 A	19980811	39	Hematopoietic cytokine receptor	536/23.5
3	<input type="checkbox"/>	<input type="checkbox"/>	US 5925735 A	19990720	36	Hematopoietic cytokine receptor	530/352
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6080406 A	20000627	36	Hematopoietic cytokine receptor	424/143.1

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	424/145.1; 424/85.2		Thompson, Penny et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	435/335; 435/69.5		Baumgartner, James W. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	435/193; 530/350; 530/387.1; 530/391.1		Baumgartner, James W. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	424/139.1; 530/387.9; 530/388.22		Baumgartner, James W. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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2	US 5792850	<input type="checkbox"/>
3	US 5925735	<input type="checkbox"/>
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FILE 'MEDLINE' ENTERED AT 09:15:51 03 JUL 2002

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```
=> s (Sprecher, C.? or Sprecher C.?)/au
      31 SPRECHER, C.?/AU
      31 SPRECHER C.?/AU
L1      31 (SPRECHER, C.? OR SPRECHER C.?)/AU
```

```
=> s cytokine receptor?
      49365 CYTOKINE
      63586 CYTOKINES
      87115 CYTOKINE
          (CYTOKINE OR CYTOKINES)
      559981 RECEPTOR?
L2      2173 CYTOKINE RECEPTOR?
          (CYTOKINE(W)RECEPTOR?)
```

```
=> s l1 and l2
L3      1 L1 AND L2
```

```
=> d L3
```

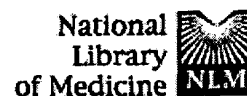
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L3  ANSWER 1 OF 1      MEDLINE
AN  1998262921      MEDLINE
DN  98262921      PubMed ID: 9600072
TI  Cloning and characterization of a novel class I cytokine
    receptor.
AU  Sprecher C A; Grant F J; Baumgartner J W; Presnell S R; Schrader
    S K; Yamagiwa T; Whitmore T E; O'Hara P J; Foster D F
CS  ZymoGenetics Inc., Seattle, Washington 98102, USA.
SO  BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1998 May 8) 246 (1)
    82-90.
    Journal code: 0372516. ISSN: 0006-291X.
CY  United States
DT  Journal; Article; (JOURNAL ARTICLE)
LA  English
FS  Priority Journals
OS  GENBANK-AF053004; GENBANK-AF053005
EM  199806
ED  Entered STN: 19980625
    Last Updated on STN: 20000303
    Entered Medline: 19980616
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```
=> s (Nelson, A.? or Nelson A.?)/au
      672 NELSON, A.?/AU
      672 NELSON A.?/AU
L4      672 (NELSON, A.? OR NELSON A.?)/AU
```

```
=> s L2 and L4
L5      0 L2 AND L4
```

```
=> s L4 and L1
L6      0 L4 AND L1
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Cloning and characterization of a novel class I cytokine receptor.

Sprecher CA, Grant FJ, Baumgartner JW, Presnell SR, Schrader SK, Yamagiwa T, Whitmore TE, O'Hara PJ, Foster DF.

ZymoGenetics Inc., Seattle, Washington 98102, USA.

The human gp130 cDNA sequence was used as a query to search an expressed sequence tag database (dbEST) to identify cDNA sequences with similarity to the cytokine class I receptor family. A novel class I cytokine receptor was identified in a human infant brain cDNA library and was named WSX-1. Full-length cDNA sequences for human and murine WSX-1 were isolated and characterized. The WSX-1 cDNA encodes a 636 amino acid transmembrane protein with an extracellular domain of 482 amino acids and a cytoplasmic domain of 96 amino acids. The structure of the WSX-1 protein most closely resembles that of gp130. Northern blot analysis indicates high levels of expression in thymus, spleen, lymph node, and peripheral blood leukocytes, suggesting a role for WSX-1 in modulation of the immune response.

PMID: 9600072 [PubMed - indexed for MEDLINE]

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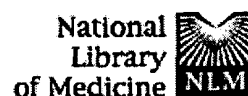
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- ☐ 1: Xu W, Presnell SR, Parrish-Novak J, Kindsvogel W, Jaspers S, Chen Z, Dillon SR, Gao Z, Gilbert T, Madden K, Schlutsmeyer S, Yao L, Whitmore TE, Chandrasekher Y, Grant FJ, Maurer M, Jelinek L, Storey H, Brender T, Hammond A, Topouzis S, Clegg CH, Foster DC. [Related Articles](#), [Nucleotide](#), [OMIM](#), [Free in PMC](#), [Protein](#)
A soluble class II cytokine receptor, IL-22RA2, is a naturally occurring IL-22 antagonist.
Proc Natl Acad Sci U S A. 2001 Aug 14;98(17):9511-6.
PMID: 11481447 [PubMed - indexed for MEDLINE]
- ☐ 2: Blumberg H, Conklin D, Xu WF, Grossmann A, Brender T, Carollo S, Eagan M, Foster D, Haldeman BA, Hammond A, Haugen H, Jelinek L, Kelly JD, Madden K, Maurer MF, Parrish-Novak J, Prunkard D, Sexson S, Sprecher C, Waggle K, West J, Whitmore TE, Yao L, Kuechle MK, Dale BA, Chandrasekher YA. [Related Articles](#), [Nucleotide](#), [OMIM](#), [Protein](#)
Interleukin 20: discovery, receptor identification, and role in epidermal function.
Cell. 2001 Jan 12;104(1):9-19.
PMID: 11163236 [PubMed - indexed for MEDLINE]
- ☐ 3: Parrish-Novak J, Dillon SR, Nelson A, Hammond A, Sprecher C, Gross JA, Johnston J, Madden K, Xu W, West J, Schrader S, Burkhead S, Heipel M, Brandt C, Kuijper JL, Kramer J, Conklin D, Presnell SR, Berry J, Shiota F, Bort S, Hambly K, Mudri S, Clegg C, Moore M, Grant FJ, Lofton-Day C, Gilbert T, Rayond F, Ching A, Yao L, Smith D, Webster P, Whitmore T, Maurer M, Kaushansky K, Holly RD, Foster D. [Related Articles](#), [Nucleotide](#), [OMIM](#), [Protein](#)
Interleukin 21 and its receptor are involved in NK cell expansion and regulation of lymphocyte function.
Nature. 2000 Nov 2;408(6808):57-63.
PMID: 11081504 [PubMed - indexed for MEDLINE]
- ☐ 4: Gross JA, Johnston J, Mudri S, Enselman R, Dillon SR, Madden K, Xu W, Parrish-Novak J, Foster D, Lofton-Day C, Moore M, Littau A, Grossman A, Haugen H, Foley K, Blumberg H, Harrison K, Kindsvogel W, Clegg CH. [Related Articles](#), [Nucleotide](#), [OMIM](#), [Protein](#)

TACI and BCMA are receptors for a TNF homologue implicated in B-cell autoimmune disease.

Nature. 2000 Apr 27;404(6781):995-9.

PMID: 10801128 [PubMed - indexed for MEDLINE]

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